

What is claimed is:

Sub  
a1

1. A data processing system for evaluating treatment of chest pain patients in a medical facility, the system comprising:
  - means for entering patient treatment information;
  - 5 means for storing the patient treatment information;
  - means for retrieving the patient treatment information;
  - means for comparing the patient treatment information to predetermined values;
  - and
  - means for reporting the comparison of the patient treatment information to the
  - 10 predetermined values, so that the medical facility is able to improve its treatment of chest pain patients.
2. The data processing system of Claim 1, further comprising means responsive to the reported comparisons for identifying the need to provide additional training for a medical care provider.
- 15 3. The data processing system of Claim 1, further comprising means responsive to the reported comparisons for identifying the need to provide additional training for the medical facility.
4. The data processing system of Claim 1, further comprising means responsive to the reported comparisons for allocating staff resources in the medical facility.

Sub  
a2

- 20 5. A data processing method for evaluating treatment of chest pain patients in a medical facility, the method comprising:
  - entering patient treatment information;

storing the patient treatment information;  
retrieving the patient treatment information;  
comparing the patient treatment information to predetermined values; and  
reporting the comparison of the patient treatment information to the  
5 predetermined values so that the medical facility is able to improve its treatment of chest  
pain patients.

6. The data processing method of Claim 5, further comprising evaluating the  
performance of a treatment protocol using the reported comparisons.

7. The data processing method of Claim 5, further comprising evaluating the  
10 performance of a medical care provider using the reported comparisons.

8. The data processing method of Claim 5, further comprising identifying the need to  
provide additional training for a medical care provider using the reported comparisons.

9. The data processing method of Claim 5, further comprising evaluating the  
performance of the medical facility using the reported comparisons.

15 10. The data processing method of Claim 5, further comprising identifying the need to  
provide additional training for the medical facility using the reported comparisons.

11. The data processing method of Claim 5, further comprising allocating staff  
resources in the medical facility using the reported comparisons.